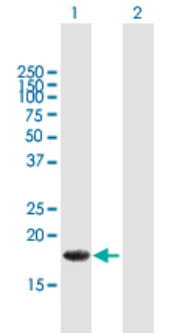
MaxPab®

ALG13 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00079868-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ALG13 expression in transfected 293T cell line by ALG13 MaxPab polyclonal antibody.

Lane 1: ALG13 transfected lysate(18.15 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ALG13 protein.
Immunogen	ALG13 (NP_060936, 1 a.a. ~ 165 a.a) full-length human protein.
Sequence	MKCVFVTVGTTSFDDLIACVSAPDSLQKIESLGYNRLILQIGRGTVVPEPFSTESFTLDVYRYKDSL KEDIQKADLVISHAGAGSCLETLEKGKPLVVVINEKLMNNHQLELAKQLHKEGHLFYCTCSTLPGL LQSMDLSTLKCYPPGQPEKFSAFLDKVVGLQK
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Protocol Download

Gene Info — ALG13

Entrez GeneID	79868
GeneBank Accession#	NM_018466
Protein Accession#	NP_060936
Gene Name	ALG13
Gene Alias	CXorf45, FLJ23018, GLT28D1, MDS031, MGC12423, YGL047W
Gene Description	asparagine-linked glycosylation 13 homolog (S. cerevisiae)
Gene Ontology	Hyperlink
Gene Summary	Asparagine (N)-glycosylation is an essential modification that regulates protein folding and stability. ALG13 and ALG14 (MIM 612866) constitute the UDP-GlcNAc transferase, which catalyzes a key step in endoplasmic reticulum N-linked glycosylation (Averbeck et al., 2007 [PubMed 17686769]).[supplied by OMIM
Other Designations	OTTHUMP00000062812|OTTHUMP00000176862|asparagine-linked glycosylation 13 homolog|glycosyltransferase 28 domain containing 1|hematopoietic stem/progenitor cells protein MDS031

Pathway

- Metabolic pathways
- N-Glycan biosynthesis